

[0038] According to step 34, an administration policy to implement in at least one user device comprising a plurality of applications is generated. In an embodiment, the policy to implement in at least one user device is generated by an operator using the server unit 10. The operator generates the policy to implement according to various information such as a type of application to use in the wireless user device, type of user operating the wireless user device, etc.

[0039] According to step 36, the generated policy is provided to at least one device.

[0040] Now referring to FIG. 4, there is shown how a policy is generated according to an embodiment.

[0041] More precisely, according to step 38, a client administration policy is created. As mentioned earlier, the client administration policy is created by an operator.

[0042] According to step 40, an application administration policy is created for at least one application. As mentioned earlier the application administration policy is created by an operator.

[0043] While it has been shown that the client administration policy is created prior to the application administration policy for the at least one application, the skilled addressee would appreciate that it may be possible to create the application administration policy for the at least one application prior to the creating of the client administration policy.

[0044] Now referring to FIG. 5, there is shown how the application administration policy is created according to an embodiment.

[0045] According to step 42, a set of rules to apply to for at least one application of the user device is created. It will be appreciated that preferably the operator is creating the set of rules.

[0046] According to step 44, an identifier is assigned to the set of rules created. It will be appreciated that the identifier is created manually by the operator in an embodiment while in another embodiment, the identifier may be created automatically. It will be further appreciated that the identifier may be any one of a number, a character string, or the like. It will be appreciated that the identifier is used to uniquely identify the set of rules that was created according to step 42.

[0047] Now referring to FIG. 6, there is shown how a generated policy is provided to at least one user according to an embodiment.

[0048] According to step 50, the generated policy is transmitted to the at least one user device. It will be appreciated that in an embodiment, the generated policy to the at least one user device is transmitted over a wireless link. More precisely, the generated policy is transmitted from the server unit 10 to one of the transmitting unit 16 via the network 12 and then to the user device 18 over the wireless link. In such case, the communication unit 24 receives a policy signal to implement and provides the received policy signal to implement to the processing unit 20.

[0049] According to step 52, the transmitted generated policy is installed in the at least one user device 18. In an embodiment, the transmitted generated policy is installed in a policy storing database 28.

[0050] Now referring to FIG. 7, there is shown an embodiment which shows how the transmitted policy is installed in the user device 18.

[0051] According to step 60, the client administration policy transmitted is installed. In an embodiment, the client

administration policy transmitted is installed in the client administration policy database 30.

[0052] According to step 62, the application administration policy transmitted is installed. In an embodiment, the application administration policy transmitted is installed in the application administration policy database 32.

[0053] While it has been disclosed that the client administration policy transmitted is installed prior the application administration policy transmitted, the skilled addressee should appreciate that the application administration policy transmitted might be installed prior to the client administration policy transmitted.

[0054] Moreover, the skilled addressee will appreciate that the client administration policy may be transmitted at a different time than the application administration policy. The skilled addressee will therefore appreciate that such method provides a central administrative control over access right and functional privilege of wireless applications especially those that interact with a server and/or service provider of the user device 18.

[0055] It is therefore much easier and efficient to be able to control a policy of a large number of user devices 18. Furthermore, using an over the air strategy may be very convenient as it enables a quick enforcement of a policy to a large number of wireless user devices.

[0056] Furthermore, the skilled addressee will appreciate that such method enables to have a two dimensional control of privileges. The skilled addressee will further appreciate that the fact that client administration policy database 30 and the application administration policy database 32 are stored separately from an individual application enable them to be updated over the air at any time.

[0057] It will be further appreciated that a plurality of applications of the application container 26 might share a same application administration policy. The use of the identification disclosed at step 44 enables therefore more than one application to share a given application administration policy and therefore minimizes the usage of storage space in the user device 18, which is greatly appreciated.

[0058] Moreover, such reuse of application administration policy by more than one application minimizes air-time usage and download time which is advantageous for the operator of a plurality of user devices 18.

[0059] Also, the fact that the application administration policy database 32 is separated from the client administration policy database 30 enables each of the two to be updated independently from one another again minimizing airtime usage as well as download time. Though described with reference to an application gateway which performs a plurality of services (e.g. administration services provisioning RE with policies etc., proxy and other communications services including mapping messages for facilitating communications between clients and remote servers, etc.), other network servers may be adapted to provide one or more of such services.

[0060] While illustrated in the block diagrams as groups of discrete components communicating with each other via distinct data signal connections, it will be understood by those skilled in the art that embodiments are provided by a combination of hardware and software components, with some components being implemented by a given function or operation of a hardware or software system, and many of the data paths illustrated being implemented by data communication within a computer application or operating system.